

ABSTRACT

An arbor assembly includes a shank mounted to the chuck of an electric drill, an adaptor which supports a hole saw mounted to the shank, and a sleeve for locking and unlocking the adaptor and the shank. Rotational forces from the drill are transferred to the adaptor to rotate the hole saw. The sleeve slides along the outer surface of the shank and allows a user to quickly change the hole saw. With the sleeve in the unlocked position, the adaptor easily slides out of the shank, a new adaptor is inserted into the shank, and the sleeve is then placed in the locked position prior to rotation of the drill.